

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/555,669-Conf. #9879
				Filing Date	December 5, 2008
				First Named Inventor	Tzyy-Choo Wu
				Art Unit	1648
				Examiner Name	B. P. Blumel
Sheet	1	of	26	Attorney Docket Number	JHV-050.01

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA*	US-4,898,730	02-06-1990	Levy et al.	
	AB*	US-5,217,879	06-08-1993	Huang et al.	
	AC*	US-5,348,945	09-20-1994	Berberian et al.	
	AD*	US-5,426,097	06-20-1995	Stern et al.	
	AE*	US-5,547,846	08-20-1996	Bartsch et al.	
	AF*	US-5,618,536	04-08-1997	Lowy et al.	
	AG*	US-5,582,831	12-10-1996	Shinitzky	
	AH*	US-5,591,716	01-07-1997	Siebert et al.	
	AI*	US-5,629,161	05-13-1997	Muller et al.	
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	AK*	US-5,744,133	04-28-1998	Lathe et al.	
	AL*	US-5,750,119	05-12-1998	Srivastava	
	AM*	US-5,821,088	10-13-1998	Darzins et al.	
	AN*	US-5,830,464	11-03-1998	Srivastava	
	AO*	US-5,834,309	09-10-1998	Thompson et al.	
	AP*	US-5,837,251	11-17-1998	Srivastava	
	AQ*	US-5,844,089	12-01-1998	Hoffman et al.	
	AR*	US-5,854,202	12-29-1998	Dedhar	
	AS*	US-5,855,891	01-05-1999	Lowy et al.	
	AT*	US-5,935,576	08-10-1999	Srivastava	
	AU*	US-5,948,646	09-07-1999	Srivastava	
	AV*	US-5,951,975	09-14-1999	Falo, Jr. et al.	
	AW*	US-5,962,318	10-05-1999	Rooney et al.	
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	AY*	US-6,007,821	12-28-1999	Srivastava et al.	
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	AA1*	US-6,017,544	01-25-2000	Srivastava	
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	AE1*	US-6,046,158	04-04-2000	Ariizumi et al.	
	AF1*	US-6,066,716	05-23-2000	Wallen et al.	
	AG1*	US-6,331,388	12-18-2001	Malkovsky et al.	
	AH1*	US-6,399,070	06-04-2002	Srivastava et al.	

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		Number-Kind Code <sup>2</sup> (if known)			
	AI1*	US-6,403,080	06-11-2002	Segal	
	AJ1*	US-6,410,027	06-25-2002	Srivastava	
	AK1*	US-6,410,028	06-25-2002	Srivastava	
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	AM1*	US-7,001,995	02-21-2006	Neeper et al.	
	AN1*	US-7,318,928	01-15-2008	Wu et al.	
	AO1*	US-7,342,002	03-11-2008	Wu et al.	
	AP1*	US-2001/0034042	10-25-2001	Srivastava	
	AQ1*	US-2002/0064771	05-30-2002	Zhong et al.	
	AR1*	US-2002/0091246	07-11-2002	Pardoll et al.	
	AS1*	US-2002/0182586	12-05-2002	Morris et al.	
	AT1*	US-2004/0028693-A1	02-12-2004	Wu et al.	
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	AV1*	US-2004/0086845-A1	05-06-2004	Wu et al.	
	AW1*	US-2005/0048467	03-03-2005	Sastry et al.	
	AX1*	US-2005/0054820	03-10-2005	Wu et al.	
	AY1*	US-2005/0277605-A1	12-15-2005	Wu et al.	
	AZ1*	US-2007/0026076-A1	02-01-2007	Wu et al.	

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	CA-2,413,543	01-03-2002	Stressgen Biotechnologies Corporation		
	BB	EP-0 763 740	03-19-1997	Wieland et al.		
	BC	WO-89/12455	12-28-1989	Whitehead Institute for Biomedical Research et al.		
	BD	WO-92/05248	04-02-1992	Bristol-Myers Squibb Company		
	BE	WO-93/20844	10-28-1993	Cancer Research Campaign Technology Ltd.		
	BF	WO-94/04696	03-03-1994	Miles Inc.		
	BG	WO-94/29459	12-22-1994	Whitehead Institute for Biomedical Research		
	BH	WO-95/17212	06-29-1995	Boehringer Mannheim GMBH		
	BI	WO-96/36643	11-21-1996	University of Alberta		
	BJ	WO-97/03703	02-06-1997	Rhone-Poulenc Rorer Pharmaceuticals Inc.		
	BK	WO-97/06685	02-27-1997	Sloan-Kettering Institute for Cancer Research		
	BL	WO-97/41440	11-06-1997	Rijksuniversiteit te Leiden et al.		
	BM	WO-98/23735	06-04-1998	Stressgen Biotechnologies Corp.		
	BN	WO-98/32866	07-30-1998	Marie Curie Cancer Care		
	BO	WO-98/48003	10-29-1998	Dedhar et al.		
	BP	WO-99/07860	02-18-1999	Stress-Gen Biotechnologies Corporation		
	BQ	WO-99/07869	02-18-1999	University of Florida		
	BR	WO-99/42472	08-26-1999	Igen International, Inc.		
	BS	WO-99/58658	11-18-1999	Epimmune, Inc.		
	BT	WO-99/65940	12-23-1999	Beth Israel Deaconess Medical Center		
	BU	WO-01/029233	04-26-2001	The Johns Hopkins University		
	BV	WO-02/009645	01-30-2003	Isis Pharmaceuticals, Inc.		
	BW	WO-02/012281	02-07-2002	The Johns Hopkins University		
	BX	WO-02/061113	08-08-2002	The Johns Hopkins University		

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	BY	WO-02/074920	09-26-2002	Johns Hopkins University		
	BZ	WO-03/008543	01-30-2003	Isis Pharmaceuticals, Inc.		
	BA1	WO-03/083052	10-09-2003	The Trustees of Boston University		
	BB1	WO-03/085085	10-16-2003	The Johns Hopkins University		
	BC1	WO-04/030636	04-15-2004	Wyeth Corp et al.		
	BD1	WO-04/060304	07-22-2004	Sagres Discovery, Inc.		
	BE1	WO-04/098526	11-18-2004	The Johns Hopkins University		
	BF1	WO-05/047501	05-26-2005	Univ Johns Hopkins et al.		
	BG1	WO-05/081716	09-09-2005	The Johns Hopkins University		
	BH1	WO-06/073970	07-13-2006	The Johns Hopkins University		
	BI1	WO-06/081323	08-03-2006	The Johns Hopkins University		

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	CA	Aguar et al., "Enhancement of the immune response in rabbits to a malaria DNA vaccine by immunization with a needle-free jet device," Vaccine, 20:275-280 (2001)	
	CB	Alexander et al., "Development of High Potency Universal DR-Restricted Helper Epitopes by Modification of High Affinity DR-Blocking Peptides," Immunity, 1:751-761 (1994)	
	CC	Anonymous: "E7 vaccine (NSC 723254)," Timeless Success Story, Online, XP002394109 (2002)	
	CD	Anthony et al., "Priming of CD8 CTL Effector Cells in Mice by Immunization with a Stress-Protein-Influenza Virus Nucleoprotein Fusion Molecule," Vaccine, 17(4):373-383 (1999)	
	CE	Asea et al., "Novel Signal Transduction Pathway Utilized by Extracellular HSP70," Journal of Biological Chemistry, 277(7):15028-15034 (2002)	
	CF	Ausbel, et al., Current Protocols in Molecular Biology, John Wiley & Sons, 1989.	
	CG	Babiuk et al., "Immunization of animals: from DNA to the dinner plate," Veterinary Immunology and Immunopathology, 72:189-202 (1999)	
	CH	Bae et al., "Therapeutic Synergy of Human Papillomavirus E7 Subunit Vaccines plus Cisplatin in an Animal Tumor Model: Casual Involvement of Increased Sensitivity of Cisplatin-Treated Tumors to CTL-Mediated Killing in Therapeutic Synergy," Clin. Cancer Res., 13(1):341-349 (2007)	
	CI	Banchereau, J., "Dendritic Cells: Therapeutic Potentials," Transfus Sci., 18(2):313-326 (1997)	
	CJ	Banu et al., "Modulation of Haematopoietic Progenitor Development by FLT-3 Ligand," Cytokine, 11(9):679-688 (1999)	
	CK	Barrios et al., "Mycobacterial heat-shock proteins as carrier molecules. II: The use of the 70-kDa mycobacterial heat-shock protein as carrier for conjugated vaccines can circumvent the need for adjuvants and Bacillus Calmette Guerin priming," Eur. J. Immunol., 22:1365-1372 (1992)	
	CL	Basu et al., "Calreticulin, A Peptide-Binding Chaperone of the Endoplasmic Reticulum, Elicits Tumor- and Peptide-Specific Immunity," Journal of Experimental Medicine, 189(5):797-802 (1999)	
	CM	Becker et al., "CD40, an extracellular receptor for binding and uptake of Hsp70-peptide complexes," Journal of Cell Biology, 158(7):1277-1285 (2002)	

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	CN	Beissbarth et al., "Increased efficiency of folding and peptide loading of mutant MHC class I molecules," Eur. J. Immunol., 30:1203-1213 (2000)		
	CO	Bennett et al., "Calnexin Association Is Not Sufficient to Protect T Cell Receptor $\alpha$ Proteins from Rapid Degradation in CD4+CD8+ Thymocytes," The Journal of Biological Chemistry 273(37):23674-23680 (1998)		
	CP	Benton et al., "DNA Vaccine Strategies for the Treatment of Cancer," Curr Top Microbiol Immunol., 226:1-20 (1998)		
	CQ	Bhoola et al., "Diagnosis and management of epithelial ovarian cancer," Obstet. Gynecol., 107(6):1399-1410 (2006)		
	CR	Biragyn et al., "Genetic fusion of chemokines to a self tumor antigen induces protective, T-Cell dependent antitumor immunity," Nature Biotechnology, 17:253-258 (1993) Abstract		
	CS	Blachere et al., "Heat shock Protein-peptide complexes, Reconstituted in vitro, Elicit Peptide-specific cytotoxic T Lymphocyte Response and Tumor Immunity," J. Exp. Med., 186(8):1315-1322 (1997)		
	CT	Blachere et al. "Heat shock proteins against cancer," J. of Immunotherapy Emphasis Tumor Immunol., 14:352-356 (1993)		
	CU	Bohm et al., "Routes of plasmid DNA vaccination that prime murine humoral and cellular immune responses," Vaccine, 16:949-954 (1998)		
	CV	Boyle et al. "Enhanced responses to a DNA vaccine encoding a fusion antigen that is directed to sites of immune induction," Nature, 392:408-411 (1998)		
	CW	Bredenbeek et al., "Sindbis Virus Expression Vectors: Packaging of RNA Replicons by Using Defective Helper RNAs," Journal of Virology, 67(11):6439-6446 (1993)		
	CX	Breitbart et al., "Human papillomavirus vaccines," Cancer Biology, 9:431-445 (1999)		
	CY	Brossart et al., "Identification of HLA-A2-Restricted T-Cell Epitopes Derived From the MUC1 Tumor Antigen for Broadly Applicable Vaccine Therapies," Blood, 93(12):4309-4317 (1999)		
	CZ	Buck et al., "Efficient Intracellular Assembly of Papillomaviral Vectors," Journal of Virology, 78(2):751-757 (2004)		
	CA1	Bueler et al., "Induction of Antigen-Specific Tumor Immunity by Genetic and Cellular Vaccines against MACE: Enhanced Tumor Protection by Coexpression of Granulocyte-Macrophage Colony-Stimulating Factor and B7-1," Molecular Medicine, 2(5):545-555 (1996)		
	CB1	Burgess et al., "Possible Dissociation of the Heparin-binding and Mitogenic Activities of Heparin-binding (Acidic Fibroblast) Growth Factor-1 from Its Receptor-binding Activities by Site-directed Mutagenesis of a Single Lysine Residue," The Journal of Cell Biology, 111:2129-2138 (1990)		

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	CC1	Carbonetti et al., "Intracellular Delivery of a Cytolytic T-Lymphocyte Epitope Peptide by Pertussis Toxin to Major Histocompatibility Complex Class I without Involvement of the Cytosolic Class I Antigen Processing Pathway," Infection and Immunity 67(2):602-607 (1999)	
	CD1	Cavill et al., "Generation of a Monoclonal Antibody Against Human Calreticulin by Immunization with a Recombinant Calreticulin Fusion Protein: Application in Paraffin-Embedded Sections," Appl. Immunohistochemistry & Molecular Morphology 7(2):150-155 (1999)	
	CE1	Celluzzi et al., "Peptide-pulsed Dendritic Cells Induce Antigen-specific, CTL-mediated Protective Tumor Immunity," J. Exp. Med. 183:283-287 (1996)	
	CF1	Chang et al., "Cancer Immunotherapy Using Irradiated Tumor Cells Secreting Heat Shock Protein 70," Cancer Res., 67(20):10047-10057 (2007)	
	CG1	Chang, C-L. et al., "Control of human mesothelin-expressing tumors by DNA vaccines." Gene Therapy 1-10 (2007).	
	CH1	Chavin, K. et al., "Obesity Induces Expression of Uncoupling Protein-2 in Hepatocytes and Promotes Liver ATP Depletion." J. Biol. Chem. 274(9):5692-5700 (1999).	
	CI1	Chen, C-H. et al., "Antigen-specific immunotherapy for human papillomavirus 16 E7-expressing tumors grown in the liver." Journal of Hepatology 33:91-98 (2000).	
	CJ1	Chen, C-H. et al., "Boosting with recombinant vaccinia increases HPV-16 E7-specific T cell precursor frequencies of HPV-16 E7-expressing DNA vaccines," Vaccine, 18:2015-2022 (2000).	
	CK1	Chen et al., Design of a genetic immunotoxin to eliminate toxin immunogenicity, Gene Therapy, 2:116-123 (1992)	
	CL1	Chen, C-H et al., "Enhancement of DNA Vaccine Potency by Linkage of Antigen Gene to an HSP70 Gene," Cancer Research, 60(4):1035-1042 (2000)	
	CM1	Chen, C-H. et al., "Gene gun-mediated DNA vaccination induces antitumor immunity against human papillomavirus type 16 E7-expressing murine tumor metastases in the liver and lungs." Gene Therapy, 6:1972-1981 (1999).	
	CN1	Chen et al., "Human papillomavirus type 16 nucleoprotein E7 is a tumor rejection antigen," PNAS, 88:110-114 (1991)	
	CO1	Chen et al., "Induction of Cytotoxic T Lymphocytes Specific for a Syngeneic Tumor Expressing the E6 Oncoprotein of Human Papillomavirus Type 16," Journal of Immunology, 148:2617-2621 (1992)	
	CP1	Chen et al., "Mycobacterial heat shock protein 65 enhances antigen cross-presentation in dendritic cells independent of Toll-like receptor 4 signaling," Journal of Leukocyte Biology, 75:260-266 (2004)	

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	CQ1	Chen, C-H. et al. "Recombinant DNA vaccines protect against tumors that are resistant to recombinant vaccinia vaccines containing the same gene." <i>Gene Therapy</i> , 8:128-138 (2001).	
	CR1	Cheng et al., "Bax-independent inhibition of apoptosis by Bcl-x <sub>L</sub> ," <i>Nature</i> , 379(8):554-556 (1996)	
	CS1	Cheng, W-F. et al., "CD8+ T cells, NK cells and IFN- $\gamma$ are important for control of tumor with downregulated MHC class I expression by DNA vaccination." <i>Gene Therapy</i> 10:1311-1320, (2003).	
	CT1	Cheng, W-F. et al., "Cancer Immunotherapy Using Sindbis Virus Replicon Particles Encoding a VP22-Antigen Fusion." <i>Human Gene Therapy</i> . 13:553-568 (2002).	
	CU1	Cheng, W.-F., et al., "Characterization of DNA Vaccines Encoding the Domains of Calreticulin for Their Ability to Elicit Tumor-Specific Immunity and Antiangiogenesis," <i>Vaccine</i> , 23(29): 3864-3874 (2005)	
	CV1	Cheng, W-F. et al. "Enhancement of Sindbis Virus Self-Replicating RNA Vaccine Potency by Linkage of Herpes Simplex Virus Type 1 VP22 Protein to Antigen." <i>Journal Of Virology</i> , 75(5): 2368-2376 (2001).	
	CW1	Cheng, W-F. et al. "Enhancement of Sindbis Virus Self-Replicating RNA Vaccine Potency by Linkage of Mycobacterium tuberculosis Heat Shock Protein 70 Gene to an Antigen Gene." <i>Journal of Immunology</i> , 166:6218-6226 (2001).	
	CX1	Cheng, W-F. et al., "Enhancement of Sindbis Virus Self-Replicating RNA Vaccine Potency by Targeting Antigen to Endosomal/Lysosomal Compartments." <i>Human Gene Therapy</i> 12:235-252 (2001).	
	CY1	Cheng, W-F. et al., "Repeated DNA Vaccinations Elicited Qualitatively Different Cytotoxic T Lymphocytes and Improved Protective Antitumor Effects." <i>J Biomed Sci</i> 9:675-687 (2002).	
	CZ1	Cheng et al. (Report on Results of Monographic Study # NSC91-2314-B-002-377, National Taiwan University, National Scientific Committee, available to public 31 October 2003)	
	CA2	Cheng, W-F. et al., "Tumor-specific immunity and antiangiogenesis generated by a DNA vaccine encoding calreticulin linked to a tumor antigen." <i>J. Clin. Invest.</i> 108:669-678 (2001).	
	CB2	Cho et al., "Enhanced cellular immunity to hepatitis C virus nonstructural proteins by codelivery of granulocyte macrophage-colony stimulating factor gene in intramuscular DNA immunization," <i>Vaccine</i> , 17:1136-1144 (1999)	
	CC2	Chow et al., "Development of Th1 and Th2 Populations and the Nature of Immune Responses to Hepatitis B Virus DNA Vaccines Can Be Modulated by Codelivery of Various Cytokine Genes," <i>The Journal of Immunology</i> , 160(3):1320-1329 (1998)	

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	CD2	Chu et al., "Cancer Immunotherapy Using Adjuvant-Free, Fusion Protein Encoding M. Golvis BCG HSP65 and HPV16 E7," FASEB Journal 12(5), March 20, 1998 Abstract XP000960840	
	CE2	Chu et al., "Immunotherapy of a human papillomavirus (HPV) type 16 E7-expressing tumour by administration of fusion protein comprising Mycobacterium bovis bacille Calmette-Guerin (BGG) hsp65 and HPV 16 E7, Clin. Exp. Immunol., 121(2):216-225 (2000)	
	CF2	Ciupitu et al., "Immunization with a Lymphocyte Choriomeningitis Virus Peptide Mixed Heat Sbcok Protein 70 Results in Protective Antiviral Immunity and Specific Cytotoxic T Lymphocytes," J. Exp. Med., 187(5):685-691 (1998)	
	CG2	Corr et al., "Costimulation Provided by DNA Immunization Enhances Antitumor Immunity," The Journal of Immunology, 159(10):4999-5004 (1997)	
	CH2	Coukos et al., "Immunotherapy for gynaecological malignancies," Expert Opin. Biol. Ther., 5(9):1193-1210 (2005)	
	CI2	Crum et al., "Vaccines for Cervical Cancer," Cancer Journal from Scientific American, 9(5):368-376 (2003)	
	CJ2	Davidoff et al., "Immune Response to P53 is Dependent upon P53/HSP70 Complexes in Breast Cancers," Proceedings of the National Academy of Sciences of USA, 89(8):3442 (1992)	
	CK2	Debinsky et al., "A Wide Range of Human Cancers Express Interleukin 4 (IL-4) Receptors That Can Be Targeted with Chimeric Toxin Composed of IL-4 and <i>Pseudomonas</i> Exotoxin," The Journal of Biological Chemistry, 268(19):14065-14070 (1993)	
	CL2	de Jong et al., "Enhancement of human papillomavirus (HPV) type 16 E6 and E7-specific T-cell immunity in healthy volunteers through vaccination with TA-CIN, an HPV16 L2E7E6 fusion protein vaccine," Vaccine, 20:3456-3464 (2002)	
	CM2	Devaraj, K. et al., "Development of HPV Vaccines for HPV-Associated Head and Neck Squamous Cell Carcinoma," Crit. Rev. Oral Biol. Med. 14(5):345-362, (2003).	
	CN2	Dialynas et al., "Characterization of the Murine T Cell Surface Molecule Designated L3T4, Identified by Monoclonal Antibody GK1.5: Similarity of L3T4 to the Human Leu-3/T4 Molecule," J. Immunol., 131(5):2445-2451 (1983)	
	CO2	Donnelly et al., "DNA Vaccines," Annual Review of Immunology, 15:617-48 (1997)	
	CP2	Donnelly et al., "DNA Vaccines: Progress and Challenges," J. Immunol., 175:633-639 (2005)	
	CQ2	Donnelly et al., "Targeted delivery of peptide epitopes to class I major histocompatibility molecules by a modified <i>Pseudomonas</i> exotoxin," Proc. Natl. Acad. Sci. USA 90:3530-3534 (1993)	

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	CR2	Drake et al., "Assessing tumor growth and distribution in a model of prostate cancer metastasis using bioluminescence imaging," Clin. Exp. Metastasis, 22:674-684 (2005)		
	CS2	Eggleton, P. and Llewellyn, D.H., "Pathophysiological Roles of Calreticulin in Autoimmune Disease," Scand. J. Immunol. 49:466-473 (1999)		
	CT2	Eiben et al., "Establishment of an HLA-a*0201 Human Papillomavirus Type 16 Tumor Model to Determine the Efficacy of Vaccination Strategies in HLA-A*0201 Transgenic Mice," Cancer Research, 62:5792-5799 (2002)		
	CU2	Eisenbraun et al., "Examination of parameters affecting the elicitation of humoral immune responses by particle bombardment-mediated genetic immunization," DNA Cell Biol., 12(9):791-797 (1993)		
	CV2	Elliott et al., "Intercellular trafficking and protein delivery by a herpesvirus structural protein," Cell, 88(2):223-233 (1997)		
	CW2	Elsaghier et al., "Localisation of Linear Epitopes at the Carboxy-Terminal End of the Mycobacterial 71 KDA Heat Shock Protein," Molecular Immunology 29(9):1153-1156 (1992)		
	CX2	Feltkamp et al., "Vaccination with cytotoxic T lymphocyte epitope-containing peptide protects against a tumor induced by human papillomavirus type 16-transformed cells," Eur. J. Immunol., 23(9):2242-2249 (1993)		
	CY2	Fernando et al., "Expression, purification and immunological characterization of the transforming protein E7, from cervical cancer-associated human papilloma virus type 16," Clin. Exp. Immunol., 115:397-403 (1999)		
	CZ2	Flohe et al., "Human Heat Shock Protein 60 Induces Maturation of Dendritic Cells Versus a Th1-Promoting Phenotype," The Journal of Immunology, 170:2340-2348 (2003)		
	CA3	Fominaya et al., "Target Cell-specific DNA Transfer Mediated by a Chimeric Multidomain Protein," The Journal of Biological Chemistry, 271(18):10560-10568 (1996)		
	CB3	Fomsgaard et al., "Improved Humoral and Cellular Immune Responses Against the gp120 V3 Loop of HIV-1 Following Genetic Immunization with a Chimeric DNA Vaccine Encoding the V3 Inserted into the Hepatitis B Surface Antigen," Scand J. Immunol., 47(4):289-95 (1998)		
	CC3	Forni et al., "Cytokine gene-engineered vaccines," Curr. Opin. Mol. Ther. Feb;1(1):34-38 (Abstract) (1999)		
	CD3	Frydman et al., "Folding of nascent polypeptide chains in a high molecular mass assembly with molecular chaperones," Nature, 370:111-117 (1994)		

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	CE3	Galloway, D.A., "Papillomavirus vaccines in clinical trials," Lancet Infect. Dis., 3(8):469-475 (2003)	
	CF3	Gao et al., "Immune response to human papillomavirus type 16 E6 gene in a live vaccinia vector," Journal of General Virology, 75:157-164 (1994)	
	CG3	Gavarasana et al., "Prevention of Carcinoma of Cervix with Human Papillomavirus Vaccine," Indian Journal of Cancer, 37:57-66 (2000)	
	CH3	Geissler et al., "Enhancement of Cellular and Humoral Immune Responses to Hepatitis C Virus Protein Using DNA Based Vaccines Augmented with Cytokine-Expressing Plasmids," The Journal of Immunology, 158(3):1231-1237 (1997)	
	CI3	Georgopoulos et al., "Role of the Major Heat Shock Proteins as Molecular Chaperones," Annu. Rev. Cell. Bio., 9:601-634 (1993)	
	CJ3	Goletz et al., "Delivery of Antigens to the MHC Class I Pathway Using Bacterial Toxins," Human Immunology, 54:129-136 (1997)	
	CK3	Grandis et al., "Head and Neck Cancer: Meeting Summary and Research Opportunities," Cancer Research, 64:8126-8129 (2004)	
	CL3	Graner et al., "Immunoprotective Activities of Multiple Chaperone Proteins Isolated from Murine B-Cell Leukemia/Lymphoma," Clinical Cancer Research, 6:909-915 (2000)	
	CM3	Haas et al., "cDNA cloning of the immunoglobulin heavy chain binding protein," Proc. Natl. Acad. Sci. USA, 85:2250-2254 (1988)	
	CN3	Hannum et al., "Ligand for FLT3/FLK2 Receptor Tyrosine Kinase Regulates Growth of Haematopoietic Stem Cells and is Encoded by Variant RNAs," Nature 368:643-8 (1994)	
	CO3	Hansen et al., "Structural features of MHC class I molecules that might facilitate alternative pathways of presentation," Immunology Today, 21(2):83-88 (2000)	
	CP3	Harris et al., "Calreticulin and Calnexin Interact with Different Protein and Glycan Determinants During the Assembly of MHC Class I," The Journal of Immunology 160:5404-5409 (1998).	
	CQ3	Hartl, F., "Molecular chaperones in cellular protein folding," Nature, 381:571-579 (1996)	
	CR3	Hasan et al., "Nucleic acid immunization: concepts and techniques associated with third generation vaccines," Journal of Immunological Methods, 229:1-22 (1999)	
	CS3	Hauser et al., "Secretory heat-shock protein as a dendritic cell-targeting molecule: a new strategy to enhance the potency of genetic vaccines," Gene Therapy, 11:924-932 (2004)	
	CT3	He et al., "Viral Recombinant Vaccines to the E6 and E7 Antigens of HPV-16," Virology, 270:146-161 (2000)	
	CU3	Heikema et al., "Generation of heat shock protein-based vaccines by intracellular loading of gp96 with antigen peptides," Immunology Letters, 57(1-3):69-74 (1997)	

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	CV3	Heller, J. et al., "Tetra-O-methyl Nordihydroguaiaretic Acid Induces G2 Arrest in Mammalian Cells and Exhibits Tumoricidal Activity in Vivo," Cancer Research 61:5499-5504, (2001).		
	CW3	Hendrick et al., "Molecular chaperone functions of heat-shock proteins," Annu. Rev. Biochem., 62:349-384 (1993)		
	CX3	Higgins et al., "Fast and Sensitive Multiple Sequence Alignments on a Microcomputer," Comput. Appl. Biosci. 5(2):151-153 (1989)		
	CY3	Hokey et al., "DNA vaccines for HIV: challenges and opportunities," Springer Semin. Immunopathol., 28(3):267-279 (2006)		
	CZ3	Hope et al., "Flt-3 Ligand, in Combination with Bovine Granulocyte-Macrophage Colony-Stimulating Factor and Interleukin-4, Promotes the Growth of Bovine Bone Marrow Derived Dendritic Cells," Scand. J. Immunol., 51:60-66 (2000)		
	CA4	Hsieh, C-J. et al., "Enhancement of vaccinia vaccine potency by linkage of tumor antigen gene to gene encoding calreticulin." Vaccine 22:3993-4001. (2004).		
	CB4	Hsu, K-F. et al., "Enhancement of suicidal DNA vaccine potency by linking Mycobacterium tuberculosis heat shock protein 70 to an antigen." Gene Therapy 8, 376-383 (2001).		
	CC4	Huang, C-H. et al. "Cancer Immunotherapy using a DNA vaccine encoding a single-chain trimer of MHC class I linked to an HPV-16 E6 immunodominant CTL epitope." Gene Therapy. 12:1180-1186 (2005).		
	CD4	Huang, C-C. et al., "Generation of Type-Specific Probes for the Detection of Single-Copy Human Papillomavirus by a Novel <i>In Situ</i> Hybridization Method," Mod. Pathol. 11(10):971-977 (1998)		
	CE4	Huang, C-C. et al., "HPV In Situ Hybridization with Catalyzed Signal Amplification and Polymerase Chain Reaction in Establishing Cerebellar Metastasis of a Cervical Carcinoma." Human Pathology, 30(5):587-591. (1999).		
	CF4	Huang, Q. et al., "In Vivo Cytotoxic T Lymphocyte Elicitation by Mycobacterial Heat Shock Protein 70 Fusion Proteins Maps to a Discrete Domain and Is CD4+ T Cell Independent," J. Exp. Med., 191(2):403-408 (2000)		
	CG4	Hung, C-F. et al. "A DNA vaccine encoding a single-chain trimer HLA-A2 linked to human mesothelin peptide generates anti-tumor effects against human mesothelin-expressing tumors." Vaccine 25:127-135 (2007).		
	CH4	Hung, C-F. et al., "Cancer Immunotherapy Using a DNA Vaccine Encoding the Translocation Domain of a Bacterial Toxin Linked to a Tumor Antigen." Cancer Research 61: 3698-3703 (2001).		

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	CI4	Hung, C-F. et al., "Control of mesothelin-expressing ovarian cancer using adoptive transfer of mesothelin peptide-specific CD8+ T cells." Gene Therapy, pp. 1-9 (2007).		
	CJ4	Hung et al., "Control of mesothelin-expressing ovarian cancer using adoptive transfer of mesothelin peptide-specific CD8+ T cells," Gene Therapy, 14(12):921-929 (2007)		
	CK4	Hung, C-F. et al., "DNA Vaccines Encoding Ii-PADRE Generates Potent PADRE-specific CD4+ T-Cell Immune Responses and Enhances Vaccine Potency." Mol. Ther. 15(6):1211-1219 (2007)		
	CL4	Hung, C-F. et al., "Enhancement of DNA Vaccine Potency by Linkage of Antigen Gene to a Gene Encoding the Extracellular Domain of Fms-like Tyrosine Kinase 3-Ligand." Cancer Research 61:1080-1088, (2001).		
	CM4	Hung, C-F. et al., "Enhancing Major Histocompatibility Complex Class I Antigen Presentation by Targeting Antigen to Centrosomes," Cancer Research. 63: 2393-2398, (2003).		
	CN4	Hung, C-F., et al., "Improving DNA Vaccine Potency by Linking Marek's Disease Virus Type 1 VP22 to an Antigen," Journal Of Virology, 76(6):2676-2682 (2002).		
	CO4	Hung, C-F. et al., "Improving DNA vaccine potency via modification of professional antigen presenting cells." Current Opinion in Molecular Therapeutics, 5(1):20-24 (2003).		
	CP4	Hung et al., "Improving vaccine potency through intercellular spreading and enhanced MHC class I presentation of antigen," J. Immunology, 166(9):5733-5740 (2001)		
	CQ4	Hung, C-F. et al., "Modifying professional antigen-presenting cells to enhance DNA vaccine potency," Methods in Molecular Medicine, 127:199-220 (2006)		
	CR4	Hung, C-F. et al., "Vaccinia virus preferentially infects and controls human and murine ovarian tumors in mice." Gene Therapy. 14:20-29 (2007).		
	CS4	Hunt et al., "Characterization and sequence of a mouse hsp70 gene and its expression in mouse cell lines," Gene, 87(2):199-204 (1990)		
	CT4	Hunt et al., "Conserved features of eukaryotic hsp70 genes revealed by comparison with the nucleotide sequence of human hsp70," Proc. Natl. Acad. Sci. USA, 82:6455-6459 (1985)		
	CU4	Indraccolo et al., "Generation of expression plasmids for angiostatin, endostatin and TIMP-2 for cancer gene therapy," Int. J. Biological Markers, 14(4):251-256 (1999) (Abstract)		
	CV4	Iwasaki et al., "Enhanced CTL Responses Mediated by Plasmid DNA Immunogens Encoding Costimulatory Molecules and Cytokines," The Journal of Immunology, 158(10):4591-4601 (1997)		

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	CW4	Jaffee et al., "Novel allogeneic granulocyte-macrophage colony-stimulating factor-secreting tumor vaccine for pancreatic cancer: a phase I trial of safety and immune activation," J. Clin. Oncol., 19(1):145-156 (2001)	
	CW4	Jager et al., "Simultaneous Humoral and Cellular Immune Response against Cancer-Testis Antigen NY-ESO-1: Definition of Human Histocompatibility Leukocyte Antigen (HLA)-A2-binding Peptide Epitopes," J. Exp. Med., 187:265-270 (1998)	
	CY4	Janetzki et al., "Generation of Tumor-Specific Cytotoxic T Lymphocytes and Memory T Cells by Immunization with Tumor-Derived Heat Shock Protein gp96," Journal of Immunotherapy, 21(4):269-276 (1998)	
	CZ4	Jenkins et al., "Bioluminescent Imaging (BLI) to Improve and Refine Traditional Murine Models of Tumor Growth and Metastasis," Clin. Exp. Metastasis, 20(8):733-744 (2003)	
	CA5	Ji, H et al., "Antigen-Specific Immunotherapy for Murine lung Metastatic Tumors Expressing Human Papillomavirus Type 16 E7 Oncoprotein," Int. J. Cancer: 78, 41-45 (1998)	
	CB5	Ji, H et al., "Targeting Human Papillomavirus Type 16 E7 to the Endosomal/Lysosomal Compartment Enhances the Antitumor Immunity of DNA Vaccines against Murine Human Papillomavirus Type 16 E7-Expressing Tumors," Human Gene Therapy 10:2727- 2740 (1999)	
	CC5	Jinno et al., "Domain II Mutants of Pseudomonas Exotoxin Deficient in Translocation," J. Biol. Chem., 264(7):15953-15959 (1989)	
	CD5	Kadkol, S. et al., Chapter 5: In Situ Hybridization in Cancer and Normal Tissue. Methods in Molecular Biology, Vol. 223: Tumor Suppressor Genes, Vol II, Edited by W. El-Deiry, Humana Press Inc., Totowa, NJ. (2003)	
	CE5	Kang, T. et al., "Enhancing dendritic cell vaccine potency by combining a BAK/BAX siRNA-mediated antiapoptotic strategy to prolong dendritic cell life with an intracellular strategy to target antigen to lysosomal compartments." Int. J. Cancer, 120:1696-1703 (2007).	
	CF5	Kerbel, Robert S., "Tumor angiogenesis: past, present and the near future," Carcinogenesis 21(3):505-515 (2000).	
	CG5	Kim, T. et al., "A DNA Vaccine Co-Expressing Antigen and an Anti-Apoptotic Molecule Further Enhances the Antigen-Specific CD8+ T-Cell Immune Response." J. Biomed. Sci. 11:493-499 (2004).	
	CH5	Kim et al., "Co-transfection with cDNA encoding the Bcl family of anti-apoptotic proteins improves the efficiency of transfection in primary fetal neural stem cells," J. Neuroscience Methods, 117(2):153-158 (2002)	
	CI5	Kim et al., "Cytokine Molecular Adjuvants Modulate Immune Responses Induced by DNA Vaccine Constructs for HIV-1 and SIV," Journal of Interferon and Cytokine Research, 19(1):77-84 (1999)	
	CJ5	Kim, J. et al., "Comparison of HPV DNA vaccines employing intracellular targeting strategies." Gene Therapy, 11:1011-1018 (2004).	

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	CK5	Kim, T. et al., "DNA Vaccines Employing Intracellular Targeting Strategies and a Strategy to Prolong Dendritic Cell Life Generate a Higher Number of CD8 <sup>+</sup> Memory T Cells and Better Long-Term Antitumor Effects Compared with a DNA Prime-Vaccinia Boost Regimin." Human Gene Therapy 16:26-34 (2005).	
	CL5	Kim, T. et al., "Enhancement of suicidal DNA vaccine potency by delaying suicidal DNA-induced cell death." Gene Therapy. 11:336-342. (2004).	
	CM5	Kim, T. et al., "Enhancement of DNA Vaccine Potency by Coadministration of a Tumor Antigen Gene and DNA Encoding Serine Protease Inhibitor-6." Cancer Research. 64:400-405 (2004).	
	CN5	Kim, T. et al., Enhancing DNA vaccine potency by coadministration of DNA encoding antiapoptotic proteins." J. Clin. Invest. 112:109-117 (2003).	
	CO5	Kim, T. et al., "Enhancing DNA Vaccine Potency by Combining a Strategy to Prolong Dendritic Cell Life with Intracellular Targeting Strategies." The Journal of Immunology, 171:2970-2976, (2003).	
	CP5	Kim, T. et al., "Generation and Characterization of DNA Vaccines Targeting the Nucleocapsid Protein of Severe Acute Respiratory Syndrome Coronavirus." Journal of Virology, 78(9):4638-4645. (2004).	
	CQ5	Kim, T. et al. "Modification of Professional Antigen-Presenting Cells with Small Interfering RNA <i>In vivo</i> to Enhance Cancer Vaccine Potency." Cancer Res. 65(1):309-316 (2005)	
	CR5	Kim, D. et al., "Monitoring the Trafficking of Adoptively Transferred Antigen-Specific CD8-Positive T Cells In Vivo, Using Noninvasive Luminescence Imaging." Human Gene Therapy. 18: 1-14 (2007).	
	CS5	Kim, T. et al., "Vaccination with a DNA Vaccine Encoding Herpes Simplex Type 1 VP22 Linked to Antigen Generates Long-Term Antigen-Specific CD8-Positive memory T Cells and Protective Immunity." Human Gene Therapy. 15:167-177. (2004).	
	CT5	King et al., "DNA vaccines with single-chain Fv fused to fragment C of tetanus toxin induce protective immunity against lymphoma and myeloma," Nature Medicine, 4(11):1281-1286 (1998)	
	CU5	Kita et al., "Frequent Gene Expression of Granulocyte Colony-Stimulating Factor (G-CSF) Receptor in CD7 <sup>+</sup> Surface CD3 <sup>-</sup> Acute Lymphoblastic Leukaemia," Leukemia, 7(8):1184-1190 (1993)	
	CV5	Klinman et al., "Contribution of CpG Motifs to the Immunogenicity of DNA vaccines," The Journal of Immunology, 158(8):3635-3639 (1997)	

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				Examiner Name	B. P. Blumel
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	CW5	Koch et al., "Hijacking a chaperone: manipulation of the MHC class II presentation pathway," Immunology Today, 21(11):546-550 (2000)		
	CX5	Konen-Waisman et al., "Self and Foreign 60-Kilodalton Heat Shock Protein T Cell Epitope Peptides Serve As Immunogenic Carriers for a T Cell-Independent Sugar Antigen," J. Immunology, 154:5977-5985 (1995)		
	CY5	Konishi et al., "Japanese encephalitis DNA vaccine candidates expressing premembrane and envelope genes induce virus-specific memory B cells and long-lasting antibodies in swine," Virology, 268(1):49-55 (2000)		
	CZ5	Koo et al., "The NK-1.1(-) Mouse: A Model to Study Differentiation of Murine NK Cells," J. Immunol. 125:2665-2672 (1986)		
	CA6	Lafond-Walker, A. et al., "Inducible Nitric Oxide Synthase Expression in Coronary Arteries of Transplanted Human Hearts with Accelerated Graft Arteriosclerosis." American Journal of Pathology, 151(4): 919-925 (1997).		
	CB6	Larregina et al., "Pattern of cytokine receptors expressed by human dendritic cells migrated from dermal explants," Immunology, 91:303-313 (1997)		
	CC6	Lazar et al., "Transforming Growth Factor $\alpha$ : Mutation of Aspartic Acid 47 and Leucine 48 Results in Different Biological Activities," Mol. Cell Biol., 8(3):1247-1252 (1988)		
	CD6	Lee et al., "DNA inoculations with HIV-1 recombinant genomes that express cytokine genes enhance HIV-1 specific immune responses," Vaccine, 17:473-479 (1999)		
	CE6	Lee et al., "Optimal Induction of Hepatitis C Virus Envelope-Specific Immunity by BiCistronic Plasmid DNA Inoculation with the Granulocyte-Macrophage Colony-Stimulating Factor Gene," Journal of Virology, 72(10):8430-8436 (1998)		
	CF6	Leitner et al., "DNA and RNA-Based Vaccines: Principles, Progress and Prospects," Vaccine 18(9-10):765-777 (1999).		
	CG6	Lemon et al., "Subcutaneous administration of inactivated hepatitis B vaccine by automatic jet injection," J. Med. Virol., 12(2):129-136 (1983)		
	CH6	Li et al., "Roles of heat-shock proteins in antigen presentation and cross-presentation," Curr. Opin. Immunol., 14(1):45-51 (2002)		
	CI6	Liaw, K. et al., "Human papillomavirus and cervical neoplasia: a case-control study in Taiwan." Int. J. Cancer. 62(5):565-71 (1995)		
	CJ6	Lim et al., "Vaccination with an ovalbumin/interleukin-4 fusion DNA efficiently induces Th2 cell-mediated immune responses in an ovalbumin-specific manner," Arch. Pharm. Res., 21(5):537-542 (Abstract) (1998)		

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	CK6	Lin, C-T. et al., "Boosting with Recombinant Vaccinia Increases HPV-16 E7-Specific T Cell Precursor Frequencies and Antitumor Effects of HPV-16 E7-Expressing Sindbis Virus Replicon Particles." <i>Molecular Therapy</i> . 8(4):559-566 (2003).	
	CL6	Lin, K-Y. et al., "Coinfection of HPV-11 and HPV-16 in a case of Laryngeal Squamous Papillomas With severe Dysplasia." <i>Laryngoscope</i> . 107(7):942-947 (1997).	
	CM6	Lin, K-Y. et al., "Ectopic Expression of Vascular Cell Adhesion Molecule-1 as a New Mechanism for Tumor Immune Evasion." <i>Cancer. Res.</i> 67(4):1832-1841 (2007).	
	CN6	Lin, K-Y. et al., "Treatment of Established Tumors with a Novel Vaccine That Enhances Major Histocompatibility Class II Presentation of Tumor Antigen." <i>Cancer Research</i> 56:21-26 (1996).	
	CO6	Lin, Y-Y. et al., "Vaccines against human papillomavirus." <i>Frontiers in Bioscience</i> . 12:246-264 (2007).	
	CP6	Ling, M. et al., "Preventive and Therapeutic Vaccines for Human Papillomavirus-Associated Cervical Cancers." <i>J Biomed Sci</i> 7:341-356 (2000).	
	CQ6	Liu et al., "The emerging role of IL-15 in NK-cell development," <i>Immunology Today</i> , 21(3):113-116 (2000)	
	CR6	Liu et al., "Recombinant Adeno-Associated Virus Expressing Human Papillomavirus Type 16 E7 Peptide DNA Fused with Heat Shock Protein DNA as a Potential Vaccine for Cervical Cancer," <i>Journal of Virology</i> , 2888-2894 (2000).	
	CS6	Luke et al., "An OspA-based DNA vaccine protects mice against infection with <i>Borrelia burgdorferi</i> ," <i>J. Infect. Dis.</i> , 175(1):91-97 (1997)	
	CT6	Lyras and Rood, "Genetic Organization and Distribution of Tetracycline Resistance Determinants in <i>Clostridium perfringens</i> ," <i>Antimicrobial Agents and Chemotherapy</i> 40:2500-2504 (1996)	
	CU6	Maecker et al., "DNA vaccination with cytokine fusion constructs biases the immune response to ovalbumin," <i>Vaccine</i> , 15(15):1687-1696 (Abstract) (1997)	
	CV6	Maki et al., "Human homologue of murine tumor rejection antigen pg96: 5'-Regulatory and coding regions and relationship to stress-induced proteins," <i>Proc. Natl. Acad. Sci. USA</i> , 87:5658-5662 (1990)	

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	CW6	Mao, C-P. et al., "Immunological research using RNA interference technology." Immunology, 121:295-307 (2007).		
	CX6	Mao, C-P. et al. "Immunotherapeutic strategies employing RNA interference technology for the control of cancers." Journal of Biomedical Science 14:15-29 (2007)		
	CY6	Maraskovsky et al., "Dramatic Increase in the Numbers of Functionally Mature Dendritic Cells in Flt-3 Ligand-treated Mice: Multiple Dendritic Cell Subpopulations Identified," J. Exp. Med., 184:1953-1962 (1996)		
	CZ6	Massa et al., "Enhanced Efficacy of Tumor Cell Vaccines Transfected with Secretable hsp70," Cancer Research, 64:1502-1508 (2004)		
	CA7	McCluskie, et al., "Route and Method of Delivery of DNA Vaccine Influence Immune Responses in Mice and Non-Human Primates," Mol. Med. 5:287-300 (1999).		
	CB7	McKenzie et al., "Sequence and Immunogenicity of the 70-kDa Heat Shock Protein of Mycobacterium leprae," J. Immunol., 147(1):312-319 (1991)		
	CC7	Meinkoth et al., "Hybridization of nucleic acids immobilized on solid supports," Anal. Biochem., 138(2):267-284 (1984)		
	CD7	Meneguzzi et al., "Immunization against Human Papillomavirus Type 16 Tumor Cells with Recombinant Vaccinia Viruses Expressing E6 and E7," Virology, 181:62-69 (1991)		
	CE7	MHC Class-I Binding Peptide Prediction Results for the Maltose Binding Protein of Vector pMAL used in D8, using ProPred-I ( <a href="http://www.imtech.res.in/raghava/propred1/">http://www.imtech.res.in/raghava/propred1/</a> ) (2007)		
	CF7	Michel, N., et al., "Enhanced Immunogenicity of HPV 16 E7 Fusion Proteins in DNA Vaccination," Virology, 294:47-59 (2002) XP002201708		
	CG7	Michel, N. et al., "Improved Immunogenicity of Human Papillomavirus Type 16 E7 DNA After Fusion to the Herpes Simplex Virus 1 VP22 Gene"; Barcelona, Spain, 23-28, July 2000, Abstract, 458, XP002201712		
	CH7	Mikayama et al., "Molecular cloning and functional expression of a cDNA encoding glycosylation-inhibiting factor," PNAS, 90:10056-10060 (1993)		
	CI7	Mold, D. et al., "Four Classes of HERV-K Long Terminal Repeats and Their Relative Promoter Strengths for Transcription." J Biomed Sci 4:78-82 (1997)		
	CJ7	Molinari and Helenius, "Chaperone Selection During Glycoprotein Translocation into the Endoplasmic Reticulum," Science, 288(5464):331 (2000)		

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	CK7	Moniz, M. et al., "HPV DNA Vaccines," <i>Frontiers in Bioscience</i> 8, d55-68, (2003).	
	CL7	More et al., "Activation of cytotoxic T cells in vitro by recombinant gp96 fusion proteins irrespective of the 'fused' antigenic peptide sequence," <i>Immunol. Lett.</i> , 69(2):275-282 (1999)	
	CM7	Mrsny et al., "Mucosal administration of a chimera composed of Pseudomonas exotoxin and the gp120 loop sequence of HIV-1 induces both salivary and serum antibody responses," <i>Vaccine</i> , 17:1425-1433 (1999)	
	CN7	Nair et al., "Calreticulin Displays in Vivo Peptide-Binding Activity and Can Elicit CTL Responses Against Bound Peptides," <i>Journal of Immunology</i> 162(11):6426-5432 (1999).	
	CO7	Nakano et al., "Immunization with Plasmid DNA Encoding Hepatitis C Virus Envelope E2 Antigenic Domains Induces Antibodies Whose Immune Reactivity Is Linked to the Injection Mode," <i>Journal of Virology</i> 71:7101-7109 (1997).	
	CP7	Nawrocki, S. and Mackiewicz, A., "Genetically modified tumour vaccines - where we are today," <i>Cancer Treatment Reviews</i> 25:29-46 (1999).	
	CQ7	Nguyen et al., "A Mutant of Human Papillomavirus Type 16 E6 Deficient in Binding $\alpha$ -Helix Partners Displays Reduced Oncogenic Potential In Vivo," <i>Journal of Virology</i> , 76(24):13039-13048 (2002)	
	CR7	Nicchitta, C.V. and Reed, R.C., "The immunological properties of endoplasmic reticulum chaperones: a conflict of interest?," <i>Essays in Biochemistry</i> 36:15-25 (2000).	
	CS7	Noessner et al., "Tumor-Derived Heat Shock Protein 70 Peptide Complexes Are Cross-Presented by Human Dendritic Cells," <i>The Journal of Immunology</i> , 169:5424-5432 (2002)	
	CT7	Ockert et al., "Advances in Cancer Immunotherapy Symposium, Dresden, Germany," <i>Immunology Today</i> 20(2):63-65 (1999). Abstract.	
	CU7	Ohtsuka, K., "Cloning of a cDNA for heat-shock protein hsp40, a human homologue of bacterial DnaJ," <i>Biochem. Biophys. Res. Commun.</i> , 197(1):235-240 (1993)	
	CV7	Okada et al., "Intranasal Immunization of a DNA Vaccine with IL-12-and Granulocyte-Macrophage Colony-Stimulating Factor (GM-CSF)-Expressing Plasmids in Liposomes Induces Strong Mucosal and Cell Mediated Immune Responses Against HIV-1 Antigens," <i>The Journal of Immunology</i> , 159(7):3638-3647 (1997)	
	CW7	Opershall et al., "Enhanced protection against viral infection by co-administration of plasmid DNA coding for viral antigen and cytokines in mice," <i>Journal of Clinical Virology</i> , 13:17-27 (1999)	
	CX7	Ozols, RF., "Systemic therapy for ovarian cancer: current status and new treatments," <i>Semin. Oncol.</i> , 33:53-11 (2006)	

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	CY7	Pai, S I et al., "Prospects of RNA interference therapy for cancer." Gene Therapy. 13:464-477 (2006).	
	CZ7	Pan et al., "A recombinant Listeria Monocytogenes Vaccine Expressing a Model Tumour Antigen Protects Mice Against Lethal Tumour Cell Challenge and Causes Regression of Established Tumours," Nature Medicine, 1(5):471-7 (1995)	
	CA8	Pan et al., "Regression of Established Tumors in Mice Mediated by the Oral Administration of a Recombinant Listeria monocytogenes Vaccine," Cancer Research, 55(21):4776-4779 (1995)	
	CB8	Pardoll et al., "Exposing the Immunology of Naked DNA Vaccines," Immunity, 3:165--169 (1995)	
	CC8	Pejawar-Gaddy et al., "Cancer vaccines: accomplishments and challenges," Crit. Rev. Oncol. Hematol., 67(2):93-102 (2008)	
	CD8	Peng et al., "A combination of DNA vaccines targeting human papillomavirus type 16 E6 and E7 generates potent antitumor effects." Gene Therapy. 13:257-265 (2006)	
	CE8	Peng, S. et al., "Characterization of HLA-A2-restricted HPV-16 E7-specific CD8+ T-cell immune responses induced by DNA vaccines in HLA-A2 transgenic mice." Gene Therapy. 13:67-77 (2006).	
	CF8	Peng, S., et al.; "Characterization of HPV16-E6 DNA vaccines employing intracellular targeting and intercellular spreading strategies;" Journal of Biomedical Science, 12:689-700 (2005)	
	CG8	Peng, S. et al., "Development of a DNA Vaccine targeting Human Papillomavirus Type 16 Oncoprotein E6." Journal of Virology. 78(16):8468-8476. (2004)	
	CH8	Peng et al., "Efficient delivery of DNA vaccines using human papillomavirus pseudovirions," Gene Therapy, 17(12):1453-1464 (2010)	
	CI8	Peng, S. et al., "HLA-DQB1*02- restricted HPV-16 E7 Peptide-Specific CD4+ T-Cell Immune Responses Correlate with Regression of HPV-16-Associated High-Grade Squamous Intraepithelial Lesions." Clin. Cancer Res. 13(8):2479-2487 (2007)	
	CJ8	Peng, S. et al., "Vaccination with Dendritic Cells Transfected with BAK and BAX siRNA Enhances Antigen-Specific Immune Responses by Prolonging Dendritic Cell Life." Human Gene Therapy 16:584-593 (2005)	
	CK8	Peoples et al., "Vaccine Implications of Folate Binding Protein, a Novel Cytotoxic T Lymphocyte-recognized Antigen System in Epithelial Cancers," Clinical Cancer Research, 5:4214-4223 (1999)	
	CL8	Pfisterer et al., "Management of platinum-sensitive recurrent ovarian cancer," Semin. Oncol., 33:512-516 (2006)	
	CM8	Przepiorka et al., "Heat shock protein peptide complexes as Immunotherapy for human cancer," Molecular Medicine Today (Reviews), 4(11):478-484 (1998)	

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	CN8	Ramos-Soriano, A. et al., "Enteric pathogens associated with gastrointestinal dysfunction in children with HIV infection." <i>Molecular and Cellular Probes</i> 10: 67-73 (1996).		
	CO8	Rashid, A. et al., "Mitochondrial Proteins That Regulate Apoptosis and Necrosis Are Induced in Mouse Fatty Liver." <i>Hepatology</i> 29:1131-1138 (1999).		
	CP8	Ray et al., "Apoptosis Induction in Prostate Cancer Cells and Xenografts by Combined Treatment with APO2 Ligand/Tumor Necrosis Factor-related apoptosis-inducing Ligand and CPT-11," <i>Cancer Research</i> , 63:4713-4723 (2003)		
	CQ8	Robinson et al., "DNA Vaccines," <i>Seminars in Immunology</i> , 9(5):271-283 (1997)		
	CR8	Roby et al., "Development of a syngeneic mouse model for events related to ovarian cancer," <i>Carcinogenesis</i> , 21(4):585-591 (2000)		
	CS8	Roden, R. et al. "The impact of preventative HPV Vaccination." <i>Discovery Medicine</i> . Vol. 6, No. 35, pp. 175-181 (2006).		
	CT8	Roden, R. et al., "Vaccination to Prevent and Treat Cervical Cancer." <i>Human Pathology</i> . 35(8): 971-982. (2004).		
	CU8	Roden and Wu. "How will HPV vaccines affect cervical cancer?" <i>Nature Reviews</i> . Vol. 6, pp. 753-763. (2006).		
	CV8	Rodriguez et al., "DNA Immunization with Minigenes: Low Frequency of Memory Cytotoxic T Lymphocytes and Inefficient Antiviral Protection Are Rectified by Ubiquitination," <i>Journal of Virology</i> , 72(6):5174-5181 (1998)		
	CW8	Rogers et al., "Multistage Multiantigen Heterologous Prime Boost Vaccine for <i>Plasmodium knowlesi</i> Malaria Provides Partial Protection in Rhesus Macaques," <i>Infection and Immunity</i> , 69(9):5565-5572 (2001)		
	CX8	Rouse et al., "Induction In Vitro of Primary Cytotoxic T-Lymphocyte Responses with DNA Encoding Herpes Simplex Virus Proteins," <i>Journal of Virology</i> , 68(9):5685-5689 (1994)		
	CY8	Sanchez-Perez et al., "Killing of Normal Melanocytes, Combined with Heat Shock Protein 70 and CD40L Expression, Cures Large Established Melanomas," <i>The Journal of Immunology</i> , 177:4168-4177 (2006)		
	CZ8	Sarmiento et al., "IgCx or IgM Monoclonal Antibodies Reactive with Different Determinants of the Molecular Complex Bearing LYT 2 Antigen Block T Cell Mediated Cytolysis in the Absence of Complement," <i>J. Immunol.</i> , 125(6):2665-2672 (1980)		
	CA9	Sasaki et al., "Adjuvant formulations and delivery systems for DNA vaccines," <i>Methods</i> , 31(3):243-254 (2003)		
	CB9	Schultes et al., "Monitoring of immune responses to CA125 with IFN-gamma ELISPOT assay," <i>J. Immunol. Methods</i> , 279:1-15 (2003)		

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	CC9	Schutze-Redelmeier et al., "Introduction of Exogenous Antigens into the MHC Class I Processing and Presentation Pathway by <i>Drosophila</i> Antennapedia Homeodomain Primes Cytotoxic T Cells in Vivo," Journal of Immunology 157:650-655 (1996)		
	CD9	Serody et al., "T Cell Activity After Dendritic Cell Vaccination Is Dependent on Both the Type of Antigen and the Mode of Delivery," J. Immunology, 164(9):4961-4967 (2000)		
	CE9	Shalinsky et al., "Marked Antiangiogenic and Antitumor Efficacy of AG3340 in Chemoresistant Human Non-Small Cell Lung Cancer Tumors: Single Agent and Combination Chemotherapy Studies," Clinical Cancer Research 5:1905-1917 (1999).		
	CF9	Sheikh et al., "Guns, genes, and spleen: a coming of age for rational vaccine design," Methods, 31(3):183-192 (2003)		
	CG9	Sin et al., "Enhancement of protective humoral (Th2) and cell mediated (Th1) immune responses against herpes simplex virus-2 co-delivery of granulocyte-macrophage colony-stimulating factor expression cassettes," Eur. J. Immunol., 28:3530-3540 (1998)		
	CH9	Sin, J.I., "Human papillomavirus vaccines for the treatment of cervical cancer," Expert Review Vaccines, 5(6):783-792 (2006)		
	CI9	Smahel et al., "DNA vaccine against oncogenic hamster cells transformed by HPV16 E6/E7 oncogenes and the activated <i>ras</i> oncogene," Oncology Reports, 6:211-215 (1999)		
	CJ9	Smahel et al., "Immunisation with modified HPV16 E7 genes against mouse oncogenic TC-1 cell sublines with downregulated expression of MHC class I molecules," Vaccine, 21:1125-1136 (2003)		
	CK9	Srivastava et al., "Evidence for Peptide-Chaperoning by the Endoplasmic Reticular Heat Shock Protein GP96: Implications for Vaccination Against Cancer and Infectious Diseases," J. Cell. Biochem. Suppl. 17D:94 (Abstract NZ 014) (1993)		
	CL9	Srivastava et al., "Heat Shock Proteins Come of Age: Primitive Functions Acquire New Roles in an Adaptive World," Immunity, 8:657-665 (1998)		
	CM9	Srivastava, P., "Interaction of heat shock proteins with peptides and antigen presenting cells: chaperoning of the innate and adaptive immune responses," Annu. Rev. Immunol., 20:395-425 (2002)		
	CN9	Srivastava et al., "5'-Structural analysis of genes encoding polymorphic antigens of chemically induced tumors," Proc. Natl. Acad. Sci. USA, 84:3807-3811 (1987)		
	CO9	Srivastava et al., "The Serologically Unique Cell Surface Antigen of Zajdela Ascitic Hepatoma is also its Tumor-Associated Transplantation Antigen," Int. J. Cancer, 33:417-422 (1984)		
	CP9	Srivastava et al., "Tumor rejection antigens of chemically induced sarcomas of inbred mice," Proc. Natl.-Acad. Sci. USA, 83:3407-3411 (1986)		

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				Filing Date	December 5, 2008
				First Named Inventor	Tzyy-Chouu Wu
				Art Unit	1648
				Examiner Name	B. P. Blumel
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	CQ9	Steinman et al., "The Sensitization Phase of T-Cell-mediated Immunity," Annals of The New York Academy of Sciences, 546:80-90 (1988)		
	CR9	Stevenson et al., "Idiotypic DNA Vaccines Against B-cell Lymphoma," Immunological Reviews, 145:211-228 (1995)		
	CS9	Suto et al., "A Mechanism for the Specific Immunogenicity of Heat Shock Protein-Chaperoned Peptides," Science, 269:1585-1588 (1995)		
	CT9	Suzue et al., "Adjuvant-Free HSP70 Fusion Protein System Elicits Humoral and Cellular Immune Responses to HIV-1," Journal of Immunology 156:873-879 (1996)		
	CU8	Suzue et al., "Heat shock fusion proteins as vehicles for antigen delivery into the major histocompatibility complex class I presentation pathway," Proc. Natl. Acad. Sci. USA 94:13146-13151 (1997)		
	CV8	Syngelias et al., "DNA immunization induces protective immunity against B-cell lymphoma," Nature Medicine, 2( 9):1038-1041 (1996)		
	CW8	Szymczak et al., "Correction of multi-gene deficiency in vivo using a single 'self-cleaving' 2A peptide-based retroviral vector," Nat. Biotechnol., 22(5):589-594 (2004)		
	CX8	Tamura et al., "Immunotherapy of Tumors with Autologous Tumor-Derived Heat Shock Protein Preparations," Science, 278:117-120 (1997)		
	CY8	Theriault et al., "Extracellular HSP70 binding to surface receptors present on antigen presenting cells and endothelial/epithelial cells," FEBS Lett., 579(9):1951-1960 (2005)		
	CZ8	Thomas et al., "Mesothelin-specific CD8+ T Cell Responses Provide Evidence of In Vivo Cross-Priming by Antigen-Presenting Cells in Vaccinated Pancreatic Cancer Patients," J. Exp. Med., 200(3):297-306 (2004)		
	CAA	Thornburg et al., "Induction of Cytotoxic T Lymphocytes With Dendritic Cells Transfected With Human Papillomavirus E6 and E7 RNA: Implications for Cervical Cancer Immunotherapy," Journal of Immunotherapy, 23(4):412-418 (2000)		
	CBA	Ting et al., "Human gene encoding the 78,000-dalton glucose-regulated protein and its pseudogene: structure, conservation, and regulation," DNA, 7(4):275-286 (1988)		
	CCA	Tobery et al., "Targeting of HIV-1 antigen for rapid intracellular degradation enhances cytotoxic T lymphocyte (CTL) recognition and the induction of De Novo CTL responses in Vivo after immunization," J. Exp. Med., 185(5):909-920 (1997)		

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	CDA	Tomson, T. et al. "Human papillomavirus vaccines for the prevention and treatment of cervical cancer." Current Opinion in Investigational Drugs, 5(12):1247-1261. (2004).	
	CEA	Torres et al., "Differential Dependence on Target Site Tissue for Gene Gun and Intramuscular DNA Immunizations," The Journal of Immunology 158:4529-4532 (1997).	
	CFA	Trimble, C. et al., "Comparison of the CD8+ T cell responses and antitumor effects generated by DNA vaccine administered through gen gun, biojector and syringe." Vaccine. 21:4036-4042, (2003).	
	CGA	Trimble C, et al., "Spontaneous Regression of High-Grade Cervical Dysplasia: Effects of Human Papillomavirus Type and HLA Phenotype." Clin. Cancer Res. 11(13):4717-4723 (2005).	
	CHA	Trompeter, Hans-Ingo et al., "Variable Nuclear Cytoplasmic Distribution of the 11.5-kDa Zinc-binding Protein (Parathymosin- $\alpha$ ) and Identification of a Bipartite Nuclear Localization Signal," The Journal of Biological Chemistry 271(2):1187-1193 (1996).	
	CIA	Trujillo, J. et al., "Characterization of human papillomavirus type 57b: transforming activity and comparative sequence analysis as probes for biological determinants associated with high-risk oncogenic viruses." Virus genes. 12(2):165-78 (1996)	
	CJA	Tsen, S-W. et al., "Enhancing DNA Vaccine Potency by Modifying the Properties of Antigen-Presenting Cells," Expert Review of Vaccines, 6(2):227-239 (2007)	
	CKA	Tseng et al., "Systemic tumor targeting and killing by Sindbis viral vectors," Nature Biotechnology, 22(1):70-77 (2004)	
	CLA	Tseng et al., "Using Sindbis Viral Vectors for Specific Detection and Suppressin of Advanced Ovarian Cancer in Animal Models," Cancer Research, 64:6684-6692 (2004)	
	CMA	Tuting et al., "Autologous Human Monocyte-Derived Dendritic Cells Genetically Modified to Express Melanoma Antigens Elicit Primary Cytotoxic T Cell Responses In Vitro: Enhancement by Cotransfection of Genes Encoding the Th1-Biasing Cytokines IL-12 and IFN- $\alpha$ 1," Journal of Immunology 160:1139-1147 (1998)	
	CNA	Udono et al., "Cellular requirements for tumor-specific immunity elicited by heat shock proteins: Tumor rejection antigen gp96 primes CD8+ T cells in vivo," Proc. Natl. Acad. Sci. USA, 91:3077-3081 (1994)	
	COA	Udono et al., "Comparison of Tumor specific immunogenicities of stress-induced proteins gp96, hsp90, and hsp70," The Journal of Immunology, 152(11):5398-5403 (1994)	
	CPA	Udono et al., "Heat Shock Protein 70-associated Peptides Elicit Specific Cancer Immunity," J. Exp. Med., 178:1391-1396 (1993)	

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	CQA	Ulmer et al., "Presentation of an exogenous antigen by major histocompatibility complex class I molecules," Eur. J. Immunol., 24:1590-1596 (1994)		
	CRA	van Bergen et al., "Superior Tumor Protection Induced by a Cellular Vaccine Carrying a Tumor-specific T Helper Epitope by Genetic Exchange of the Class II-associated Invariant Chain Peptide," Cancer Research, 60(22):6427-6433 (2000)		
	CSA	van der Burg et al., "Pre-clinical safety and efficacy of TA-CIN, a recombinant HPV16 L2E6E7 fusion protein vaccine, in homologous and heterologous prime-boost regimens," Vaccine, 19:3652-3660 (2001)		
	CTA	van Tienhoven et al., "Induction of antigen specific CD4 + T cell responses by invariant chain based DNA vaccines," Vaccine, 19:1515-1519 (2001)		
	CUA	Vu, K. et al., "Cellular Proliferation, Estrogen Receptor, Progesterone Receptor, and bcl-2 Expression in GnRH Agonist-Treated Uterine Leiomyomas." Human Pathology 29:359-363 (1998)		
	CVA	Wang et al., "CD40 Is a Cellular Receptor Mediating Mycobacterial Heat Shock Protein 70 Stimulation of CC-Chemokines," Immunity, 15:971-983 (2001)		
	CWA	Wang et al., "A Single Amino Acid Determines Lysophospholipid Specificity of the S1P <sub>1</sub> (EDG1) and LPA <sub>1</sub> (EDG2) Phospholipid Growth Factor Receptors," The Journal of Biological Chemistry, 276(52):49213-49220 (2001)		
	CXA	Wang, T-L. et al., "Intramuscular administration of E7-transfected dendritic cells generates the most potent E7-specific anti-tumor immunity." Gene Therapy 7:726-733 (2000).		
	CYA	Weiss et al., "A plasmid encoding murine granulocyte-macrophage colony-stimulating factor increases protection conferred by a malaria DNA vaccine," The Journal of Immunology, 161(5):2325-2332 (1998)		
	CZA	Whisstock et al., "Prediction of protein function from protein sequence and structure," Quarterly Reviews of Biophysics, 3:307-340 (2003)		
	CAB	Whittall et al., "Interaction between the CCR5 chemokine receptors and microbial HSP70," Eur. J. Immunol., 36(9):2304-2314 (2006)		
	CBB	Wu, T-C. et al., "A Reassessment of The Role of B7-1 Expression in Tumor Rejection." J. Exp. Med. 182:1415-1421 (1995).		
	CCB	Wu, T-C. et al., "Demonstration of human papillomavirus (HPV) genomic amplification and viral-like particles from CaSki cell line in SCID mice." Journal of Virological Methods 65:287-298 (1997).		
	CDB	Wu, T-C. et al., "Detection of the Human Cytomegalovirus 2.0-kb Immediate Early Gene I Transcripts in Permissive and Nonpermissive Infections by RNA in situ Hybridization." J Biomed Sci 4:19-27 (1997).		

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	CEB	Wu, T-C, et al., "Engineering an intracellular pathway for major histocompatibility complex class II presentation of antigens." Proc. Natl. Acad. Sci. 92:11671-11675 (1995).	
	CFB	Wu, T-C. "Therapeutic human papillomavirus DNA vaccination strategies to control cervical cancer." European Journal of immunology. 37:310-314 (2007).	
	CGB	Yen, M. et al., "Diffuse Mesothelin Expression Correlates with Prolonged Patient Survival in Ovarian Serous Carcinoma." Clin. Cancer. Res. 12(3):827-831 (2006).	
	CHB	Yokokawa et al., "Identification of Novel Human CTL Epitopes and Their Agonist Epitopes of Mesotheliin," Clin. Cancer Res., 11(17):6342-6351 (2005)	
	CIB	International Search Report dated 10/15/01 from PCT/US2000/41422 (our file JHV-044.25)	
	CJB	International Search Report dated 11/13/07 from PCT/US2003/10235 (our file JHV-044.26)	
	CKB	International Search Report dated 12/03/02 from PCT/US2001/24134 (our file JHV-045.25)	
	CLB	International Search Report dated 09/20/02 from PCT/US2002/02598 (our file JHV-046.25)	
	CMB	International Search Report dated 06/28/02 from PCT/US2001/23966 (our file JHV-047.25)	
	CNB	International Search Report dated 03/25/05 from PCT/US2004/05292 (our file JHV-048.25)	
	COB	International Search Report dated 04/01/05 from PCT/US2004/13756 (our file JHV-050.25)	
	CPB	International Search Report dated 07/07/08 from PCT/US2005/47200 (our file JHV-051.25)	
	CQB	International Search Report dated 03/22/07 from PCT/US2006/02707 (our file JHV-052.25)	
	CRB	International Search Report dated 08/13/08 from PCT/US2007/76525 (our file JHV-058.25)	
	CSB	Supplementary EP Search Report dated 03/06/06 from EP 02 70 7618 (our file JHV-046.80)	
	CTB	Supplementary EP Search Report dated 09/28/06 from EP 04 75 1244 (our file JHV-050.80)	
	CUB	Supplementary EP Search Report dated 05/30/08 from EP 06 73 3904 (our file JHV-052.80)	

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